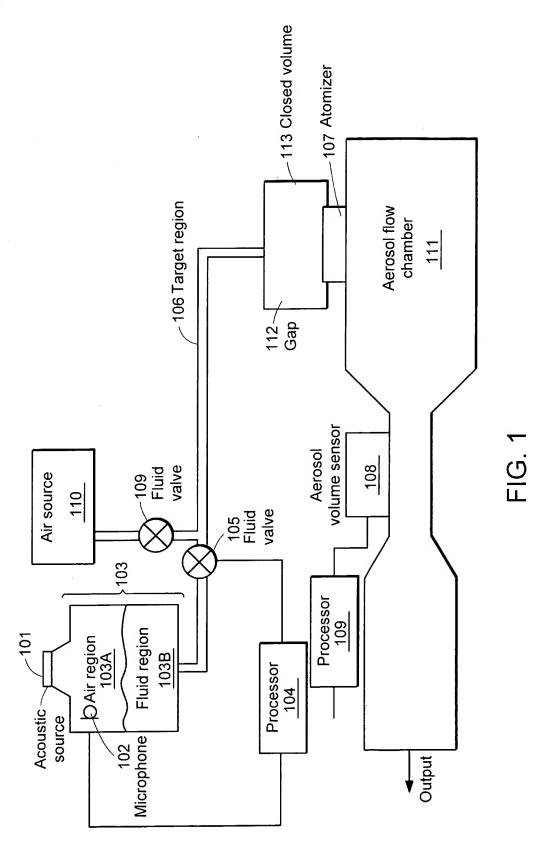
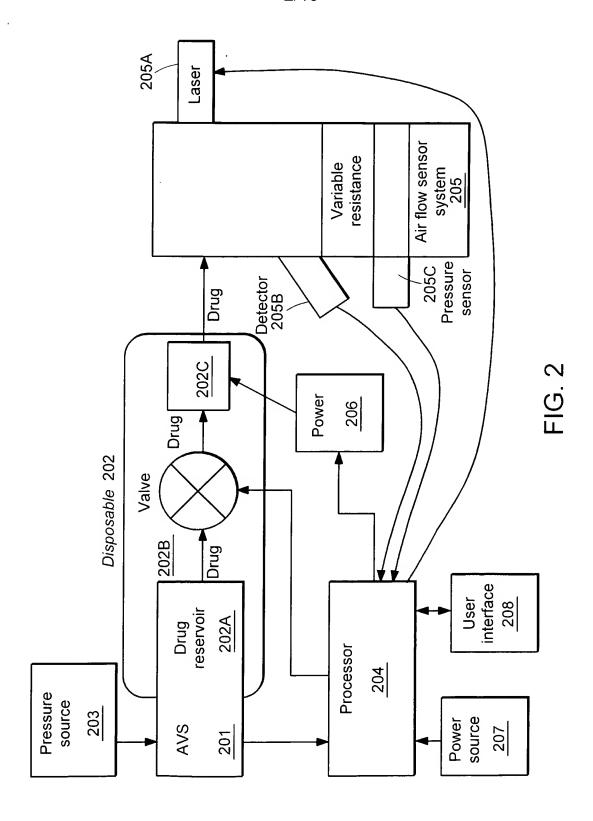
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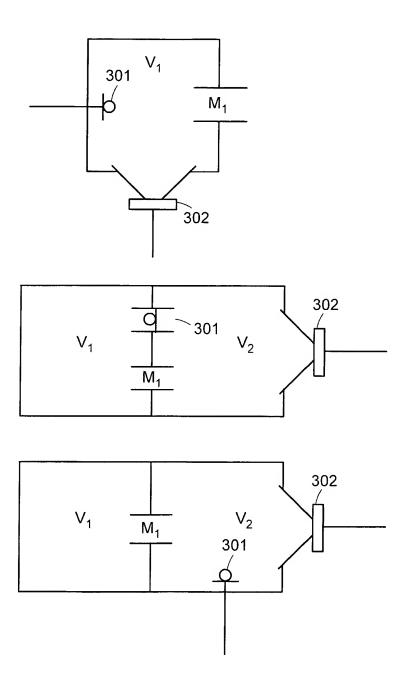


FIG. 3

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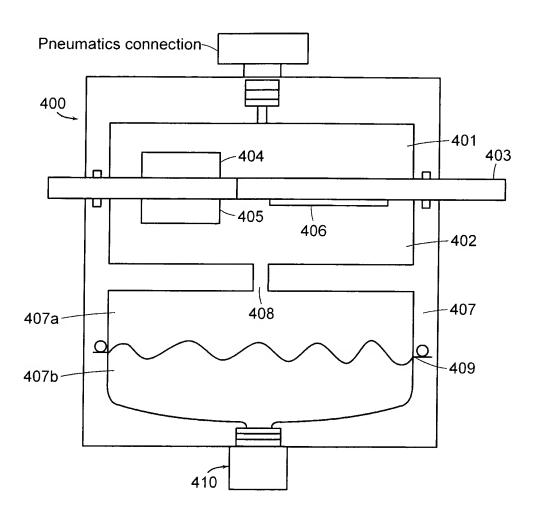


FIG. 4

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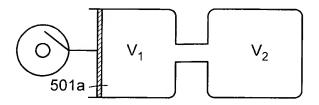
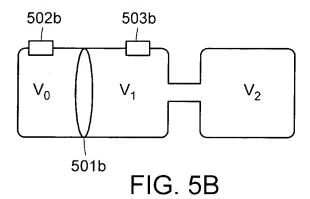


FIG. 5A



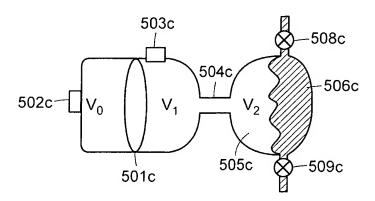


FIG. 5C

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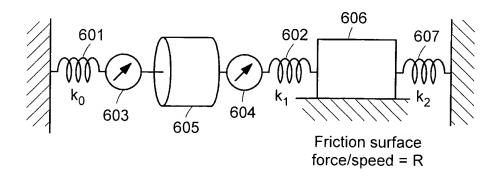


FIG. 6

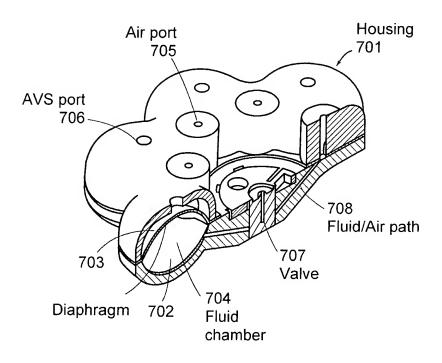


FIG. 7

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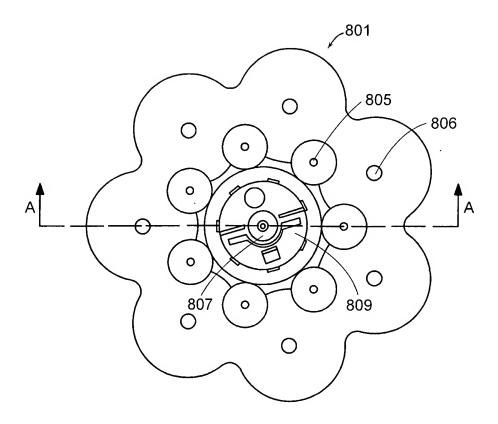
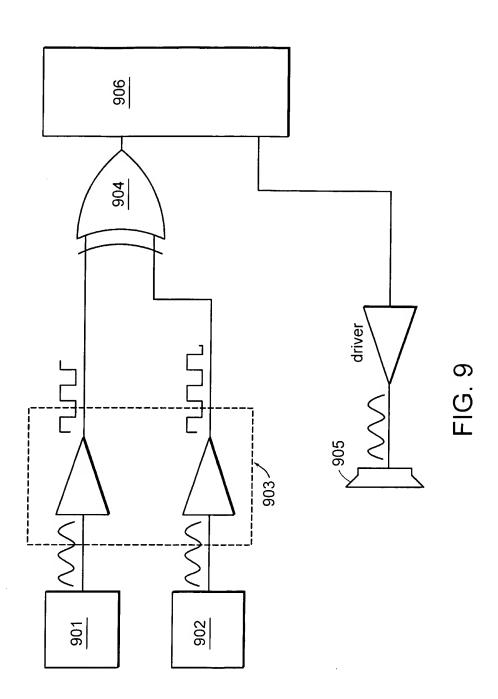


FIG. 8

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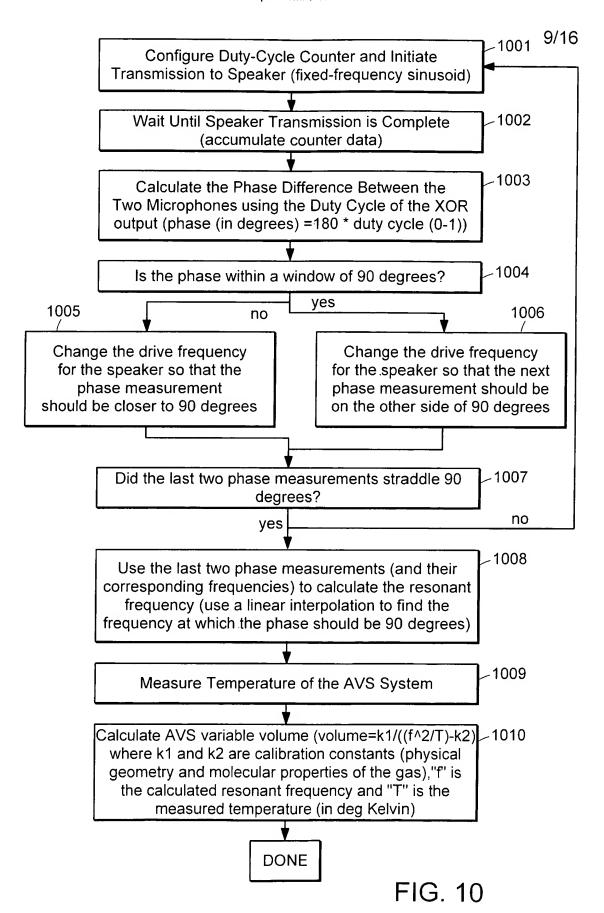
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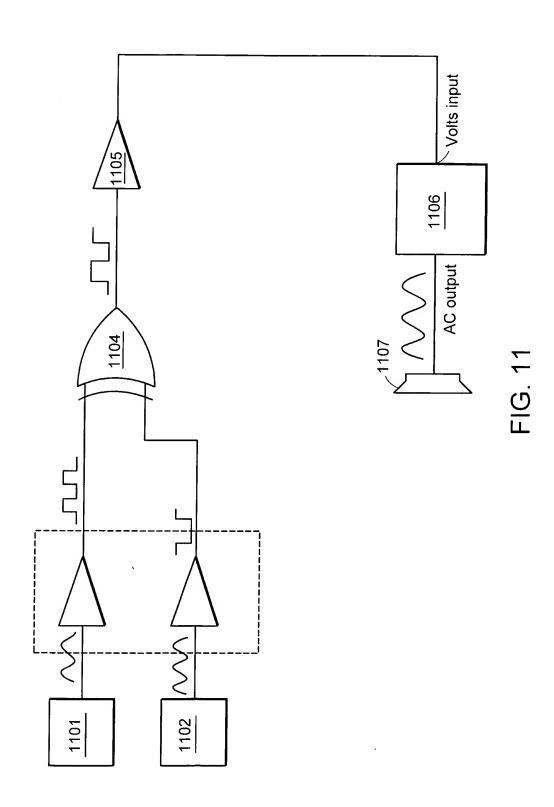
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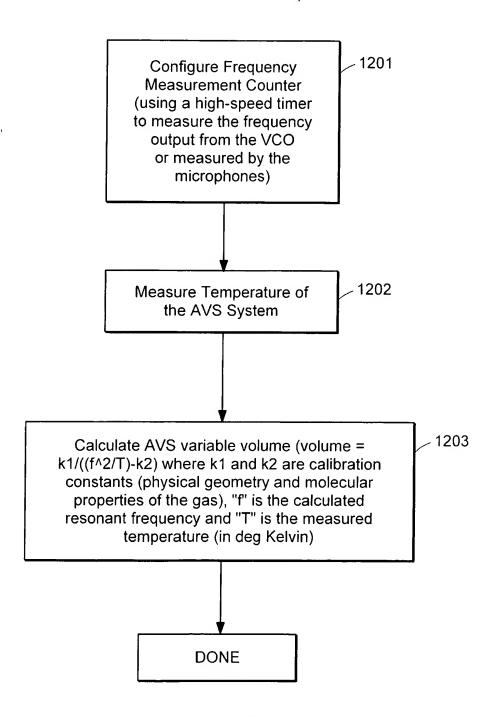


FIG. 12

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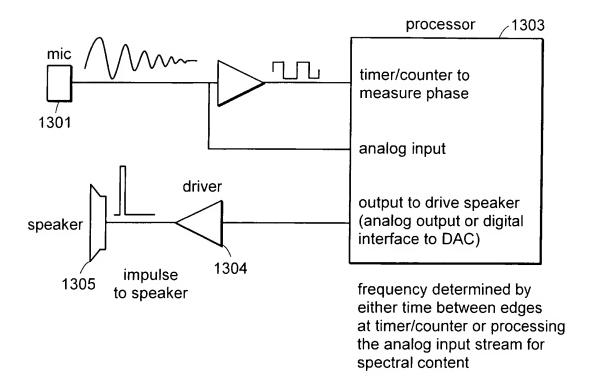
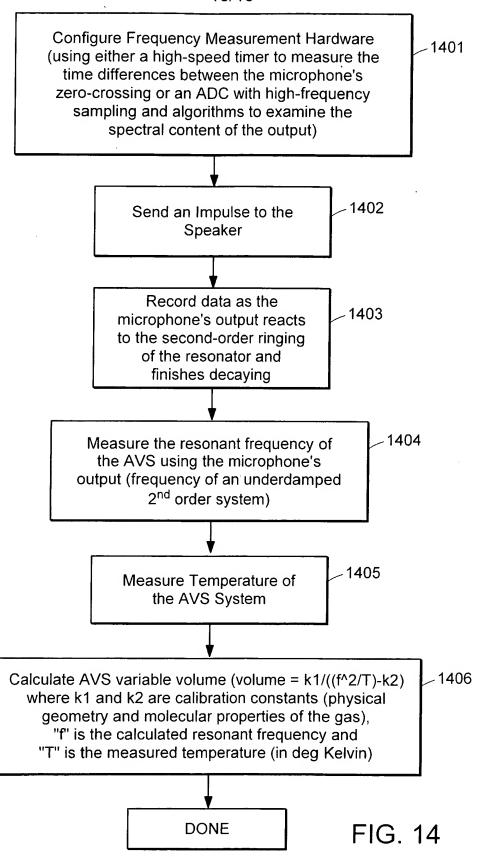


FIG. 13

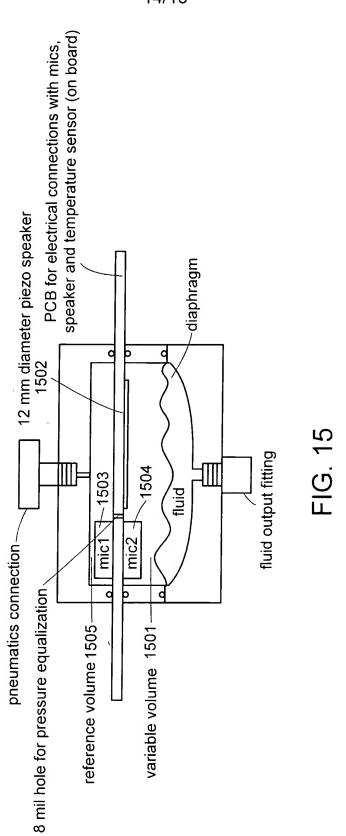
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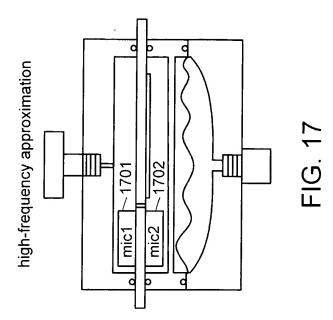
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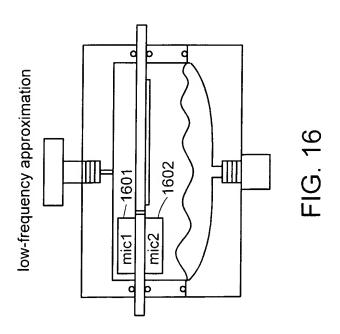


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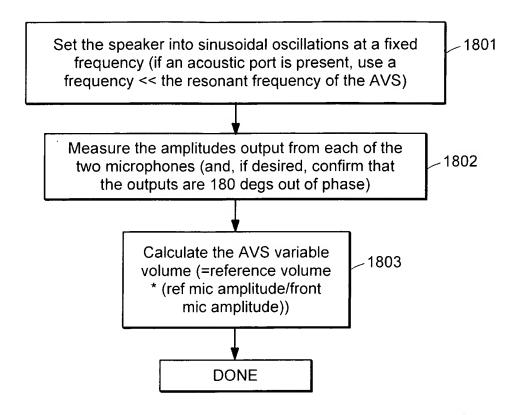
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(if desired) Cycle through multiple frequencies to confirm the volume measurement (should be independent of frequency, presence of air bubbles within the variable fluid volume or other "acoustic leaks" or mic/ electronics errors may be detected)

(if desired and using AVS) Perform a volume measurement (with amplitude ratio technique) using a frequency >> resonant frequency of AVS (should be equal to the fixed volume and independent of the variable volume). This is a good confirmation of system performance and may be used to assist in air bubble detection or compensation for microphone sensitivity drift or electronics errors.